

## \*Graphic Organizer for Algebra Systems of Equations Word Problems

4-Step Method:

1. Define variables
2. Write the system of equations
3. Solve showing all steps
4. State your solution in sentence form

Example 1: You sell tickets for admission to your school play and collect a total of \$104. Admission prices are \$6 for adults and \$4 for children. You sold 21 tickets. How many adult tickets and how many children tickets did you sell?

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graph TD; A[ ] --> B[ ]; B --> C[ ]
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Example 2: A sporting goods store sells right-handed and left-handed baseball gloves. In one month, 12 gloves were sold for total revenue of \$561. Right-handed gloves cost \$45 and left-handed gloves cost \$52. How many of each were sold?

